

05-15-01

UTILITY PATENT APPLICATION TRANSMITTAL

(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
30307-ATotal Pages in this Submission
71**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING SAME

and invented by:

Joan H. M. Knoll and Peter K. Rogan

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 58 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications (*if applicable*)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. ☐ Reference to Microfiche Appendix (*if applicable*)
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (*if drawings filed*)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
30307-A

Total Pages in this Submission
71

Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☒ Formal b. ☐ Informal Number of Sheets 8
4. ☐ Oath or Declaration
- a. ☐ Newly executed (original or copy) ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☐ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche
7. ☒ Genetic Sequence Submission (if applicable, all must be included)
- a. ☐ Paper Copy
- b. ☒ Computer Readable Copy
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers (cover sheet & documents)
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail (Specify Label No.): EL 759817133 US

**UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
30307-A

Total Pages in this Submission
71

Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Small Entity Statement(s) - Specify Number of Statements Submitted: _____
17. ☐ Additional Enclosures *(please identify below)*:

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
30307-A

Total Pages in this Submission
71

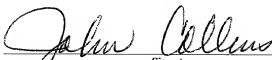
Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	45	- 20 =	25	x \$9.00	\$225.00
Indep. Claims	8	- 3 =	5	x \$40.00	\$200.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$355.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$780.00

- ☒ A check in the amount of \$780.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 19-0522 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____ as filing fee.
- ☐ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☒ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: 14 May 2001


Signature
John M. Collins, Reg. No. 26,262

CC:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): KNOLL, JOAN et al.

Docket No.
30307-A

Serial No.

Filing Date

Examiner

Group Art Unit

Invention: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND
METHOD OF GENERATING SAME

I hereby certify that this Express Mail Certification; Patent Transmittal Letter (Small Entity); Application for U.S. Letters Patent including specification, claims and abstract page (58 pgs); 8 sheets of formal drawings; \$780 Filing Fee; Transmittal Letter for Source Code CD-R; copy 1 and copy 2 of source code on CD-R; Rule 1.82(f) Statement; sequence listing on copy 1 and copy 2 on CD-4; § 1.52(e) copy of CD-4 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on May 14, 2001.

Terry Spain~~Katie Kurlman~~

(Typed or Printed Name of person Mailing Correspondence)

Terry Spain

(Signature of Person Mailing Correspondence)

EL 759817133 US

("Express Mail" Mailing Label Number)

09851867.051401

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

KNOLL, JOAN et al.

Serial No. :

Filed:

SINGLE COPY GENOMIC
HYBRIDIZATION PROBES AND
METHOD OF GENERATING SAME

Group Art Unit No.

Examiner:

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

STATEMENT

Rule 1.821(f) requires a Statement to the effect that the contents of the Sequence Listing and the Computer Readable Form are the same. Such is the case for the Sequence Listing and the Computer Readable Form that accompany this Statement.

Respectfully submitted,

By



John M. Collins, Reg. No. 26,262
2405 Grand Boulevard, Suite 400
Kansas City, Missouri 64108
816/474-9050

ATTORNEYS FOR APPLICANT(S)

(Docket No. 30307-A)

0036367 051401

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: KNOLL, JOAN et al.)	Docket No.: 30307-A
)	
Serial No.:)	Group Art Unit No.:
)	
Filed:)	Examiner:
)	
SINGLE COPY GENOMIC HYBRIDI-)	
ZATION PROBES AND METHOD OF)	
GENERATING SAME)	

Assistant Commissioner of Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Transmitted herewith are two CD-Rs ("compact disks-write once") labeled and hereafter referred to as Copy 1 and Copy 2.

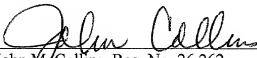
Copy 1 and Copy 2 each contain an identical copy of a computer program listing appendix associated with and incorporated by reference into the above-identified non-provisional utility application. The machine format of each CD-R is IBM-PC; and the operating system compatibility is MS-Windows.

Copy 1 and Copy 2 each contain identical copies of the following ASCII files:

Filename	Size (Bytes)	Date of Creation
04/18/01	26 KB	FINDI.PL
04/18/01	19 KB	PRIM.IN
04/18/01	20 KB	PRIM.WKG

Respectfully submitted,

By


John M. Collins, Reg. No. 26,262
2405 Grand Boulevard, Suite 400
Kansas City MO 64108
(816) 474-9050
ATTORNEY FOR APPLICANT(S)

09854867-051401